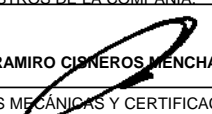




|           |                                      |               |            |        |   |   |
|-----------|--------------------------------------|---------------|------------|--------|---|---|
| CLIENTE   | PLESA ANAHUAC Y CIAS, S.A. DE C.V.   | FECHA EMISION | 25.08.2014 | PAGINA | 1 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA.<br><br><br>ING. RAMIRO CISNEROS MENCHACA<br>PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . |               |            |        |   |   |
| PRODUCTO  | Vigas                                |               |            |        |   |   |

| COMPOSICION QUIMICA |                    |             |              |             |          |             |              |          |            |       |       |       |       |       |
|---------------------|--------------------|-------------|--------------|-------------|----------|-------------|--------------|----------|------------|-------|-------|-------|-------|-------|
| COLADA              | ESPECIFICACION     | C           | MN           | P           | S        | SI          | CU           | CR       | NI         | MO    | ALT   | V     | NB/CB | TI    |
| 248031              | ASTM A-36/A-572-50 | 0.140       | 0.843        | 0.022       | 0.010    | 0.171       | 0.037        | 0.041    | 0.025      | 0.008 | 0.039 | 0.004 | 0.008 | 0.002 |
| PRUEBAS AL PRODUCTO |                    |             |              |             |          |             |              |          |            |       |       |       |       |       |
| COLADA              | NO. PAQUETE        | L.ELASTICO  |              | R.TENSION   |          | %ELON.      |              | T.ELONG. |            |       |       |       |       |       |
| 248031              | 261415417A         | 55.184(KSI) |              | 70.071(KSI) |          | 27(%)       |              | 8        |            |       |       |       |       |       |
| 248031              | 261415418A         | 55.514(KSI) |              | 70.231(KSI) |          | 26(%)       |              | 8        |            |       |       |       |       |       |
| PRODUCTO EMBARCADO  |                    |             |              |             |          |             |              |          |            |       |       |       |       |       |
| COLADA              | NO. PAQUETE        | NO. PZAS.   | PERALTE(Plg. | PATIN(Plg.) | LARGO(m) | PESO(Kg/mt) | PED. CLIENTE |          | PEDIDO     |       |       |       |       |       |
| 248031              | 261415417A         | 8           | 18.0000      | 7.5000      | 12.2000  | 105.648     | 19074        |          | 0000160479 |       |       |       |       |       |
| 248031              | 261415422A         | 8           | 18.0000      | 7.5000      | 12.2000  | 105.648     | 19074        |          | 0000160479 |       |       |       |       |       |
| 248031              | 261415423A         | 8           | 18.0000      | 7.5000      | 12.2000  | 105.648     | 19074        |          | 0000160479 |       |       |       |       |       |
| COLADA              | NO. PAQUETE        | PARTIDA     | ENTREGA      |             |          |             |              |          |            |       |       |       |       |       |
| 248031              | 261415417A         | 000070      | 1001987429   |             |          |             |              |          |            |       |       |       |       |       |
| 248031              | 261415422A         | 000070      | 1001987429   |             |          |             |              |          |            |       |       |       |       |       |
| 248031              | 261415423A         | 000070      | 1001987429   |             |          |             |              |          |            |       |       |       |       |       |
| FIN DE DATOS        |                    |             |              |             |          |             |              |          |            |       |       |       |       |       |

EL COMPROMISO DE AHMSA ES SOLO CON EL CLIENTE INDICADO EN ESTE CERTIFICADO, Y SOLO ACEPTAMOS EL DOCUMENTO ORIGINAL.

EMITIO : S118534